

2501082-991101

☒ Declaration Submitted with Initial Filing **OR** ☐ Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Rajeshwar Chhibber et al.

Rajeshwar Chandra

**COMPLETE IF KNOWN**

**To Be Assigned**

September 25, 2003

**To Be Assigned**

**To Be Assigned**

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

# HIGH DYNAMIC RANGE OPTICAL INSPECTION SYSTEM AND METHOD

(Title of the Invention)

the specification of which

☒ is attached hereto

**OR**

☐ was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number [redacted] and was amended on (MM/DD/YYYY) [redacted] (if applicable),  
 [redacted] of the above identified specification, including the claims, as

Application Number [redacted] and was amended on [redacted]

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

[redacted] which is material to patentability as defined in 37 CFR 1.56, including for [redacted] the filing date of the prior application and

I hereby state that I have reviewed and understood the information contained in this statement and any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I declare that I am not aware of any information which is material to patentability under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, which has not been disclosed in the prior application which designated at least one international filing date.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

| Foreign Filing Date | Priority Not Claimed | Certified Copy Attached? |
|---------------------|----------------------|--------------------------|
|                     |                      | YES NO                   |
|                     |                      |                          |

| Prior Foreign Application Number(s) | Country | Foreign Filing Date (MM/DD/YYYY) | Priority Not Claimed     | Certified Copy Attached? |                          |
|-------------------------------------|---------|----------------------------------|--------------------------|--------------------------|--------------------------|
|                                     |         |                                  |                          | YES                      | NO                       |
|                                     |         |                                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|                                     |         |                                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|                                     |         |                                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|                                     |         |                                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2]

☐ Additional foreign application numbers are listed on a supplemental priority document.

[Page 1 of 2]

This collection of information is required by 37 CFR 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any Gray County, VA Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**DECLARATION—Utility or Design Patent Application**Direct all correspondence to: ☒ Customer Number **26379** OR ☐ Correspondence address belowName  
Timothy W. LohseAddress  
2000 University AvenueCity  
East Palo AltoState  
CaliforniaZIP  
94303Country  
United StatesTelephone  
650-833-2055Fax  
650-833-2001

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**NAME OF SOLE OR FIRST INVENTOR :**☐ A petition has been filed for this unsigned inventorGiven Name  
(first and middle [if any])  
RajeshwarFamily Name  
or Surname  
ChhibberInventor's  
Signature  
*R. Chhibber*Date  
September 25, 2003

Residence: City

SAN JOSE

State

CA

Country

U.S.A.

Citizenship

U.S.A.

Mailing Address

4929 CRUDEN BAY CT.

City

SAN JOSE

State

CA

ZIP

95138

Country

U.S.A.

**NAME OF SECOND INVENTOR:**☐ A petition has been filed for this unsigned inventorGiven Name  
(first and middle [if any])  
DavidFamily Name  
or Surname  
WillenborgInventor's  
Signature  
*David Willenborg*

Date

SEP 25, 2003

Residence: City

PLEASANTON

State

CA

Country

USA

Citizenship

USA

Mailing Address

2500 FINLEY RD

City

PLEASANTON

State

CA

ZIP

94588

Country

USA

☐ Additional inventors are being named on the

supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

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**POWER OF ATTORNEY  
and  
CORRESPONDENCE ADDRESS  
INDICATION FORM**

|                        |  |
|------------------------|--|
| Applicati n Number     | To Be Assigned   |
| Filing Date            | September 25, 2003   |
| First Named Invent r   | Rajeshwar Chhibber et al.                                  |
| Title                  | High Dynamic Range Optical<br>Inspection System and Method |
| Art Unit               | To Be Assigned   |
| Examiner Name          | To Be Assigned   |
| Attorney Docket Number | 2501082-991101   |

I hereby appoint:

☒ Practitioners at Customer Number:

26379

OR

☐ Practitioner(s) named below:

| Name | Registration Number |
|------|---------------------|
|      |                     |
|      |                     |
|      |                     |
|      |                     |
|      |                     |

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☒ The above-mentioned Customer Number:

OR

☐ The address associated with Customer Number:

OR

|  |                                  |       |              |     |       |
|--|----------------------------------|-------|--------------|-----|-------|
| <input type="checkbox"/> Firm or Individual Name | Timothy W. Lohse                 |       |              |     |       |
| Address  | Gray Cary Ware & Freidenrich LLP |       |              |     |       |
| Address  | 2000 University Avenue           |       |              |     |       |
| City   | East Palo alto                   | State | California   | Zip | 94303 |
| Country  | United States                    |       |              |     |       |
| Telephone  | 650-833-2055                     | Fax   | 650-833-2001 |     |       |

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

**SIGNATURE of Applicant or Assignee of Record**

|           |   |           |  |
|-----------|---|-----------|--|
| Name      | RAJ CHHIBBER - President / COO of RCA Metrology |           |  |
| Signature | R. Chhibber                                     |           |  |
| Date      | 9/25/03   | Telephone |  |

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative (s) are required. Submit multiple forms if more than one signature is required, see below\*.

☐ \*Total of \_\_\_\_\_ forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Gray Cary Ware & Freidenrich LLP  
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**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: RCA Metrology, Inc.Application No./Patent No.: \_\_\_\_\_ Filed/issue Date: September 25, 2003Entitled: HIGH DYNAMIC RANGE OPTICAL INSPECTION SYSTEM AND METHODRCA Metrology, Inc. , a corporation of the State of California

(Name of Assignee)

(Type of Assignee, e.g. corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ %  
in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

**OR**

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

September 25, 2003

Date

Rajeshwar Chhibber

Typed or printed name

\_\_\_\_\_  
Telephone number

Signature

R. ChhibberPRESIDENT of RCA Metrology, Inc.

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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